BOROUGH OF COLCHESTER

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

M. F. H. BUSH, M.B., B.S., D.P.H., D.C.H.

Medical Officer of Health

Port Medical Officer

Divisional School Medical Officer

Area Medical Officer

1971

Essex Telegraph Press Ltd. Colchester.

BOROUGH OF COLCHESTER

BOROUGH AND PORT HEALTH COMMITTEE, 1971

THE RIGHT WORSHIPFUL THE MAYOR

ALDERMAN J. R. WHEELER (to May)

ALDERMAN Mrs. A. M. SMITH (from May)

Chairman:

ALDERMAN Mrs. A. M. SMITH

Deputy-Chairman:

COUNCILLOR Mrs. B. E. RAWLINGS

Members:

ALDERMAN I. T. BROWN

COUNCILLOR J. BENSUSAN-BUTT

COUNCILLOR I. T. McMEEKAN

COUNCILLOR BRIGADIER D. F. PANTON, C.B.E.

COUNCILLOR F. C. C. WILKIN

COUNCILLOR H. WILLIAMS

COUNCILLOR T. G. B. WILSON

THE HEALTH DEPARTMENT, 1971

PART-TIME STAFF

Medical Officer of Health, etc. :
MICHAEL F. H. BUSH, M.B., B.S., D.P.H., D.C.H.

Assistant Medical Officer :
R. E. BARRETT, M.B., B.S., D.T.M.&H., D.P.H. (LOND).

Public Analyst:
D. G. FORBES, B.SC., F.R.I.C.

WHOLE-TIME STAFF

Senior Public Health Inspector :
†* L. H. ENGLAND

Deputy Senior Public Health Inspector :
†* O. R. WARNER

Additional Public Health Inspectors:
†* C. J. JACOBI †* E. R. SWIFT
†* P. CUTTS †* K. F. CUTTING

Pupil Public Health Inspector:
D. W. BARHAM

† Public Health Inspector's Certificate.
* Meat Inspector's Certificate.

Authorised Meat Inspector:
A. BRUCE

Technical Assistant:
A. E. FOSTER, M.R.S.H.

Administrative Assistants:
E. V. BERHARDT L. G. NICHOLLS

Clerical Assistants:
P. F. SALMON (to 16-4-71)
C. J. RUSHFORTH (to 8-10-71)
K. P. J. WILLMOTT (from 2-8-71)
Mrs. M. E. SIMPSON (from 11-10-71)

Disinfector:
A. E. CUDMORE

Rodent Operators:
R. C. THWAITES
F. J. HEWITT

Telephone No.:
Colchester 79411

Health Department,
East Lodge Court,
High Street,
Colchester.
18th October, 1972.

Mr. Mayor, Ladies and Gentlemen,

I have the honour to present to you my Annual Report for the year 1971.

Vital Statistics

Over the years the relatively high infant mortality rate in the Borough has been a matter for concern, but this year's figure which is one of the lowest ever recorded and well below the National figure, gives grounds for optimism.

All mortality rates associated with childbirth and the early weeks of life have contributed to this improvement. No single factor can account for the high figure in the past but the hard work and enthusiasm of the doctors and midwives in the town has certainly contributed to the improved state of affairs.

Infectious Diseases

The number of notifications of infectious diseases was low this year. It would be attractive to attribute low measles figures to the success of the vaccination programme but a similar low figure was recorded in 1962 before the vaccine was introduced. Nevertheless the general trend since 1968 when measles vaccination was introduced is encouraging.

Venereal Diseases

Attendances at the Special Clinic at the Essex County Hospital and the number of new cases of gonorrhoea has again increased. The Clinic caters for Colchester and North-East Essex and its resources are severely strained. If present trends continue the existing facilities will be completely inadequate. Prevention of these diseases demands emphasis on health education and this has been given a high priority in the department. Nevertheless one cannot feel hopeful of a successful outcome in the present climate of public opinion regarding sexual behaviour.

Causes of Death

Coronorary heart disease and strokes together accounted for over 300 deaths during the year. Respiratory diseases and lung cancer caused a further 130 deaths; thus over half the deaths occurring in the Borough were due to diseases in which cigarette smoking plays an important part in their causation. The lesson to be taken from these facts is obvious.

Community Nursing Services

Last year I was able to report the attachment of Health Visitors to General Medical practices, and reports suggest that this is working satisfactorily. This year the scheme has been extended to include domiciliary nurses. Whilst it would be misleading to pretend that there have not been difficulties, the general impression is favourable and most of the snags overcome.

I would once more thank members of the Health Committee for their interest and encouragement throughout the year, and pay tribute to the enthusiasm and hard work of the staff of the department.

I remain, Mr. Mayor, Ladies and Gentlemen,

Your obedient servant,

MICHAEL F. H. BUSH,

Medical Officer of Health, etc.

Report of the Medical Officer of Health for the year 1971

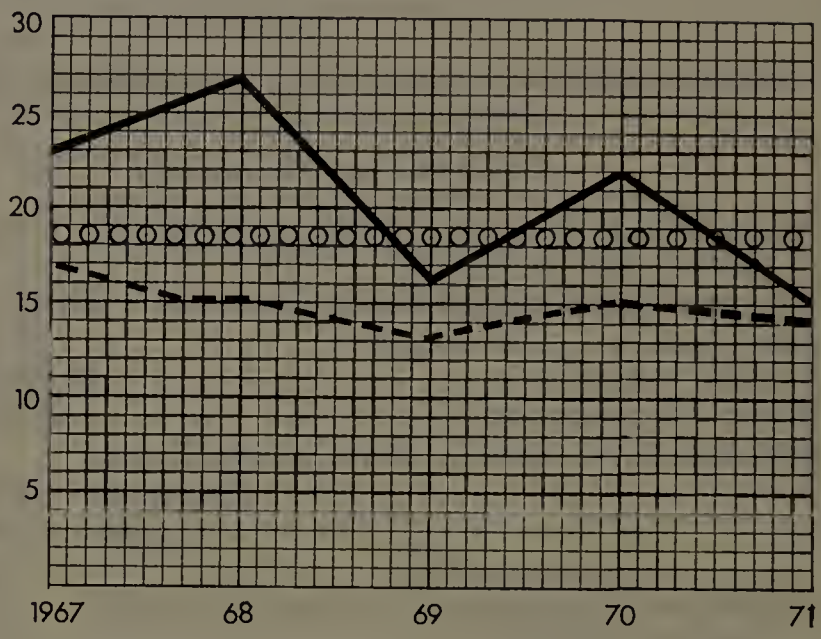
A Report as directed by Circular 1/72 of the Ministry of Health.

STATISTICAL SUMMARY

Population (R.G. Estimate) with Military (at 30/6/71) (Census 1961, 65,080)	76,710
Total dwellings: Occupied 19,825, Vacant 406	20,231 (Census)
Area	12,037 acres
Rateable Value (1/4/71)	£3,326,993
Product of a penny rate	£13,553
Birth Rate (1,408 legitimate births, 93 illegitimate) (Corrected)	19·8
(Crude)	19·6
,, ,, England and Wales	16·0
Illegitimate Live Births (per cent. of total live births)	6·0
England and Wales..	8·0
Stillbirths (16) Rate per thousand live and stillbirths	11·0
England and Wales	12·0
Infant mortality rate per 1,000 related live births— Legitimate (21 deaths), 15·0. Illegitimate (1 death), 11·0. Total (22 deaths)	15·0
Infant Mortality Rate, England and Wales ..	18·0
Neonatal Death Rate (14 deaths)	9·0
Neonatal Death Rate, England and Wales ..	12·0
Early Neo-Natal Death Rate (12 deaths)	8·0
Early Neo-Natal Death Rate, England and Wales	10·0
Perinatal Death Rate	18·0
Perinatal Death Rate, England and Wales ..	22·0
Death Rate per 1,000 of the population (Corrected)	8·7
(Crude)	10·4
,, ,, England and Wales	11·6
Percentage of total deaths occurring in Public Institutions	61·0
Women dying in, or in consequence of, childbirth	—
Pulmonary Tuberculosis Death Rate	—
Other Tuberculosis Diseases Death Rate	—
Cancer Death Rate	2·0

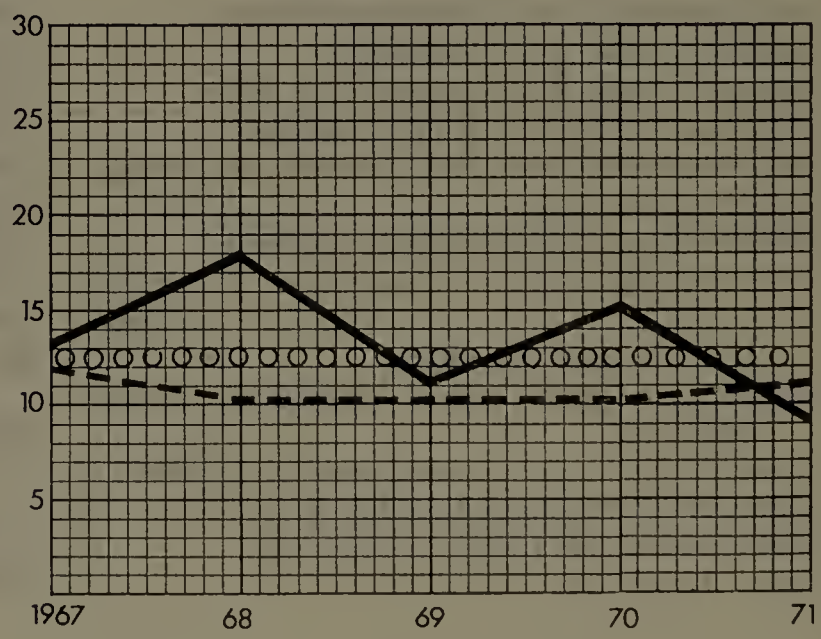
INFANT MORTALITY – Deaths per 1,000 live births

COLCHESTER ▬▬▬▬▬
ENGLAND & WALES ○○○○○○
ESSEX ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬



NEONATAL MORTALITY – Deaths per 1,000 live births

COLCHESTER ▬▬▬▬▬
ENGLAND & WALES ○○○○○○
ESSEX ▬ ▬ ▬ ▬ ▬ ▬ ▬



DEATHS OF CIVILIAN RESIDENTS, 1971

Cause of death	*M.*	*F.*	*Total*
Enteritis and other Diarrhoeal Diseases ..	2	1	3
Measles	1	—	1
Syphilis and its sequelae	1	—	1
Other Infective and Parasitic Diseases ..	—	1	1
Malignant Neoplasm, Buccal Cavity, etc.	—	1	1
Malignant Neoplasm, Oesophagus ..	4	2	6
Malignant Neoplasm, Stomach	6	5	11
Malignant Neoplasm, Intestine	8	11	19
Malignant Neoplasm, Larynx	2	—	2
Malignant Neoplasm, Lung, Bronchus ..	31	9	40
Malignant Neoplasm, Breast	—	27	27
Malignant Neoplasm, Uterus	—	9	9
Malignant Neoplasm, Prostate	6	—	6
Leukaemia	3	2	5
Other Malignant Neoplasms	13	19	32
Benign and unspecified Neoplasms ..	1	1	2
Diabetes Mellitus	3	9	12
Avitaminoses, etc.	—	1	1
Other Endocrine, etc. Diseases	1	1	2
Anaemias	—	2	2
Mental Disorders	4	1	5
Meningitis	1	—	1
Multiple Sclerosis	1	1	2
Other Diseases of Nervous System ..	4	5	9
Chronic Rheumatic Heart Disease ..	2	3	5
Hypertensive Disease	10	7	17
Ischaemic Heart Disease	116	73	189
Other forms of Heart Disease	10	32	42
Cerebrovascular Disease	45	69	114
Other Diseases of Circulatory System ..	20	15	35
Pneumonia	27	42	69
Bronchitis and Emphysema	16	6	22
Other Diseases of Respiratory System ..	7	1	8
Peptic Ulcer	4	1	5
Intestinal Obstruction and Hernia ..	2	3	5
Cirrhosis of Liver	2	1	3
Other Diseases of Digestive System ..	5	7	12
Nephritis and Nephrosis	4	1	5
Hyperplasia of Prostate	3	—	3
Other Diseases, Genito-Urinary System ..	—	2	2

Deaths of Civilian Residents, 1971—*continued*

Cause of death	*M.*	*F.*	*Total*
Diseases of Skin, Subcutaneous Tissue ..	1	—	1
Diseases of Musculo-Skeletal System ..	—	1	1
Congenital Anomalies	5	3	8
Birth Injury, Difficult Labour, etc. ..	5	1	6
Other Causes of Perinatal Mortality ..	3	—	3
Symptoms and Ill-defined Conditions ..	5	6	11
Motor Vehicle Accidents	5	4	9
All Other Accidents	8	12	20
Suicide and Self-inflicted Injuries	1	4	5
All Other External Causes	—	1	1
	398	403	801

Deaths Registered in Borough	1,456
Residents' deaths Registered outside Borough	93
	1,549
Deduct non-residents transferred out	748
Number allocated to Colchester	801

1971. DEATHS IN AGE AND SEX GROUP SUMMARY

	Under 4 weeks	4 weeks and under 1 year	1–	5–	15–	25–	35–	45–	55–	65–	75 and over	Total
Male	11	5	7	1	6	6	11	33	59	130	129	398
Female	3	3	2	1	4	3	7	15	43	78	244	403
	14	8	9	2	10	9	18	48	102	208	373	801

NURSING HOMES

There is one Home registered in the Borough.
General and surgical beds available are 20.

PREVALENCE OF AND CONTROL OVER INFECTIOUS DISEASES

Notifiable Diseases (other than Tubercolosis) during the Year 1971

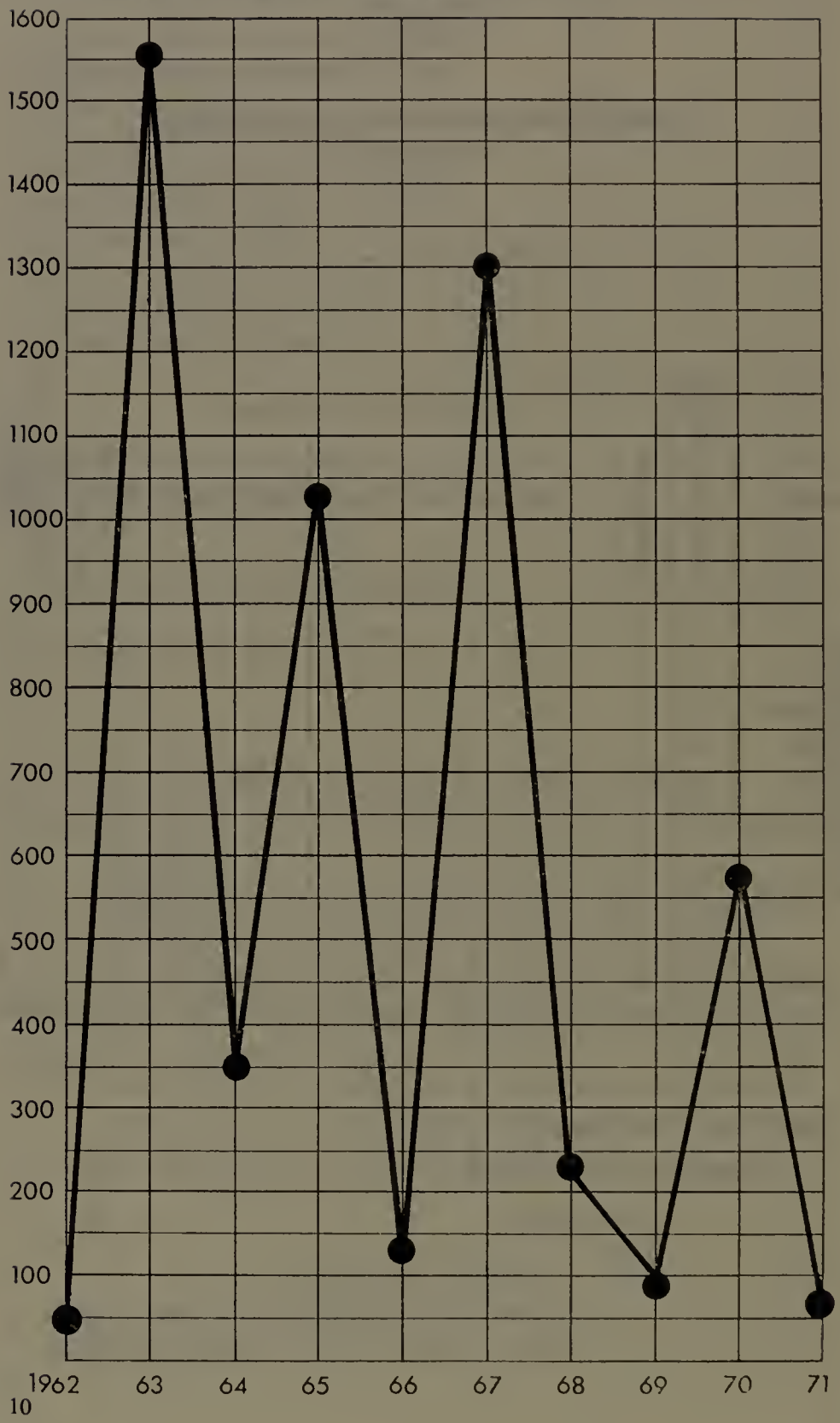
(Civilian and Military Cases)

Diseases	Total Cases Notified	Total Cases in Age Groups												Cases admitted to Hospital	Age not known
		Under 1 year	1	2	3	4	5–9	10–14	15–19	20–34	35–44	45–64	65 and Over		
Measles	58	3	4	8	9	4	29	1	—	—	—	—	—	—	—
Malaria	3	—	—	—	—	—	—	—	—	2	1	—	—	3	—
Dysentery ..	16	—	—	1	4	2	1	1	—	7	—	—	—	1	—
Scarlet Fever ..	14	—	—	2	2	—	8	—	1	1	—	—	—	—	—
Infectious Hepatitis ..	11	—	—	—	—	—	3	—	3	4	1	—	—	—	—
Whooping Cough.. ..	60	5	4	7	6	6	27	2	—	1	1	1	—	1	—
Food poisoning	2	1	—	—	—	—	—	—	—	1	—	—	—	—	—
Diphtheria ..	1	—	—	—	—	—	—	—	1	—	—	—	—	1	—
Acute Meningitis ..	2	1	—	—	—	—	—	—	—	1	—	—	—	2	—
Totals ..	167	10	8	18	21	12	68	4	5	17	3	1	—	8	—

Deaths from notified diseases: 1.

Measles:	Pre-school children	28
	Schoolchildren	30
	Adults	—
		58

MEASLES NOTIFICATIONS 1962—71



During the year 7 patients were admitted to the Infectious Diseases Unit at Myland Hospital as actual or suspected cases of infectious disease. The final diagnoses were as follows:

Diphtheria	4
Whooping Cough	3

Tuberculosis

Age Periods	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—
2–4	1	1	—	—	—	—	—	—
5–9	1	1	—	—	—	—	—	—
10–14.. ..	—	—	—	—	—	—	—	—
15–19.. ..	—	—	—	—	—	—	—	—
20–24.. ..	1	—	—	2	—	—	—	—
25–34.. ..	2	—	—	—	—	—	—	—
35–44.. ..	—	1	—	—	—	—	—	—
45–54.. ..	—	—	—	—	—	—	—	—
55–64.. ..	2	—	—	—	—	—	—	—
65 and upwards	1	2	—	1	—	—	—	—
Totals	8	5	—	3	—	—	—	—

Tuberculosis Register

	1968	1969	1970	1971
Pulmonary Cases	279	275	281	286
Other Forms of Tuberculosis ..	11	11	12	15

Prevention and Treatment of Tuberculosis.

Section 172, *Public Health Act*, 1936.

No action necessary.

VENEREAL DISEASES

Return relating to cases treated at the Essex County Hospital.

New Cases	1970			1971		
	Male	Female	Total	Male	Female	Total
Syphilis	2	–	2	1	1	2
Gonorrhoea ..	53	27	80	54	46	100
Grand Totals ..	55	27	82	55	47	102

New cases of Gonorrhoea according to age and sex.

	1970			1971		
	Male	Female	Total	Male	Female	Total
Under 16	–	–	–	–	–	–
16–17	7	2	9	–	7	7
18–19	5	10	15	8	11	19
20–24	14	5	19	16	21	37
25 and over ..	27	10	37	30	7	37
Grand Totals ..	53	27	80	54	46	100

	1970			1971		
	Male	Female	Total	Male	Female	Total
Total Attendances	1473	898	2371	1704	1203	2907

National Assistance Act, 1948.

Section 47.

No compulsory removals from home were made under this act during the year.

CREMATIONS, 1971

Died in Month	*Total*	*Residents*	*Non-Residents*
January ..	206	40	166
February ..	163	31	132
March	181	40	141
April	189	33	156
May	168	36	132
June	147	34	113
July	161	39	122
August ..	161	46	115
September ..	157	29	128
October.. ..	188	44	144
November ..	193	35	158
December ..	192	26	166
Totals ..	2,106	433	1,673

Essex 1,979, Suffolk 92, London 15, Other Areas 20—Total 1,673 non-residents.

Coroner's Cases:	January	34	May	26	September	23
	February	27	June	16	October	30
Total: 324	March	26	July	29	November	35
	April	27	August	22	December	29

Essex County Council Act, 1933.

Seven establishments are registered under the above Act for massage or special treatment.

MEDICAL EXAMINATION OF STAFF, 1971

Medical Examinations not considered necessary	161
Primary Examinations	10
Examinations after absences	5

ENVIRONMENTAL HEALTH

Water

Piped water is supplied by Colchester and District Water Board (whose area also includes Lexden and Winstree Rural District and West Mersea Urban District) from six sources. Monthly bacteriological samples were taken from five of the sources, the remaining one being sampled weekly. All reports indicated a pure and wholesome supply which in quantity exceeded the consumption so that no restrictions of any kind were necessary. During the year 113 samples were taken at source and 76 from reservoirs and towers. Fifty-two were taken at consumer's supply. Of this total of 241 only 16 were regarded as unsatisfactory and repeat samples proved to be satisfactory. Of the unsatisfactory samples none was from consumers' taps within the Borough of Colchester, neither from sources or reservoirs and towers, which supply the distribution network serving the Borough.

Chemical results varied between sources and the extremes of variation were:

Chloride		94 –325 mg./l.
Hardness		140 –330 mg./l.
Alkalinity		35 –295 mg./l.
Fluoride ..	*less than*	0·1– 2·8 mg./l.
Metals (iron only)		0·0– 0·34 mg./l.

One source of supply, Bowden's Borehole, required treatment with "Calgon" to control deposition of ferric-hydroxide, and the Lexden Spring source is naturally plumbo-solvent and to correct this the water is aerated and then mixed with a Borehole water.

During the year 2·96 miles of distribution mains were laid in the Borough and 527 houses connected to the Board's distribution system. It is considered that the number of dwellings not connected to the Board's mains is 40.

Swimming Pools

There is one public open-air swimming pool in the Borough and frequent bacteriological samples are submitted during the open season. An indoor heated pool in the Colchester Garrison is available for the use of certain civilian organisations. Water purity is checked by the R.A.M.C. There are also 7 pools used for instructional purposes at schools. Daily check samples for chlorine and pH. are taken from the school pools and returns made to the Department. The public health inspectors visit if any problems arise and bacteriological samples are taken as required.

Laboratory

Bacteriological examinations of drinking water by the Public Health Laboratory Service (Ipswich) numbered 21; they were all satisfactory with the exception of one private residential shallow well water supply which the chemical report showed somewhat a high level of nitrate content making it unsuitable for infant consumption. The house-owner was informed.

Main Drainage and Sewage Treatment

The major extensions to the Haven Sewage Treatment Works, costing approximately £2 million, were officially opened on the 30th September, 1971. It was commissioned in November, 1970, and the final financial accounts have just been settled. The arrangements for sewage treatment are sufficient until the population served reaches 100,000. This figure includes the population for Colchester Borough as well as the University of Essex, Wivenhoe Urban District Council and the Stanway and Rowhedge areas of Lexden and Winstree Rural District Council. The design for the surface water sewer to be included in the Western Leg of the Inner Relief Road has been completed. This sewer has been sized to take the surface water run off from the relief road, the development either side of

Maldon Road and also the partly-developed area north of Lexden Road. Construction work is due to commence on the sewer within the relief road in August 1973. Work commenced on the reconstruction of an existing pumping station and the installation of new pumps for Wivenhoe Urban District Council included in this scheme is a new 780 metres long pumping main. The Borough are acting as consultants for Wivenhoe Urban District Council for this scheme. Investigations and design work were continued during 1971 for the extension of the main drainage system to areas which will be developed in the near future. These areas include High Woods development, the new Colchester District Hospital, Severalls Lane Industrial Estate and the town centre redevelopment. The extent to which the Southern Outfall Sewer is overloaded is now being investigated.

Refuse Collection and Disposal

No changes took place during the year in refuse disposal or salvage collection.

General

During the year there have been no wells, cesspools sunk or done away with.

Public Health Inspection

General Summary of Work carried out by Public Health Inspector's Department under Public Health Acts, Housing Acts, By-laws, etc.

Defects found	1,260
Defects remedied	1,272
Factories and Workshops inspected	191

Housing.

Sinks, Waste Pipes, etc., provided or renewed	3
Floors or walls or ceilings repaired	44
Doors or windows provided or repaired	77
Ovens or firegrates repaired or renewed	2
Stairs repaired	1
Rooms cleansed	260
Roofs repaired (including rain-pipes and gutters)	44
Chimneys repaired or renewed	4
Damp houses remedied	5
Yards paved or repaired	2
Other housing repairs	8

Drainage.

Repairs and improvements	296
Water Closets provided or repaired	38

Other Public Health Work.

Under Offices, Shops and R.P. Act	588
Under Factories Act	8
Under Food and Drugs Act	45
Houses disinfected	2
Clothing and other articles disinfected	797
Well water sampled	21
Dustbins provided	5
Re-visits in connection with Public Health Notices ..	3,609
Offensive accumulations removed	3
Pig-keeping nuisances abated	1
Matters referred to other Departments	253
Other nuisances or matters attended to	18

Offensive Trades and Knacker's Yard

	Number	Inspections
Gut Scraper	1	8
Tallow Melter	1	7
Rag, Bone and Skin Dealer	5	4
Bone Boiler	1	7
Total	8	26
Knacker	1	3

These occupations have been carried out satisfactorily.

NOISE

Complaints concerning noise totalled 42 and covered a wide variety of sources. Several of the complaints concerned matters which are not within the scope of the present Noise Abatement Act, such as traffic noise, late-night revelry in the streets and 21 complaints concerned noise from neighbours and their dogs. All the complaints were investigated and improvements secured where possible. The steady rise in the number of noise complaints over the last few years can no doubt be taken as indicative of the trend for modern society to inflict greater clamour upon itself year by year. Forethought and consideration for others could avoid many of these problems.

RODENT CONTROL AND DISINFESTATION

Rodent Control

	Non-Agricultural	Agricultural
Number of properties (including nearby premises) inspected following notification	1,234	4
Number infested by (i) rats	473	4
(ii) mice	256	—
Number of properties inspected for rats or mice for reasons other than notification	1,857	6
Number infested by (i) rats	97	—
(ii) mice	4	—
Total number of inspections by Rodent Operators	3,531	

The public sewers were treated during the year. In the treatment 106 manholes were baited.

Bed Bugs

Dwelling houses infested—Council 0, Others 4 ..	4
Rooms in these—infested and disinfested	9
Dwelling houses disinfected—Council 1, Others 1	2

Fleas

In addition, 32 dwelling houses were treated for the eradication of fleas. Disinfestation of dwelling houses is carried out free of charge.

Wasps' Nests

Six hundred and sixty-one nests were destroyed during the year. The requests for help from anxious householders occur, in the main, during the period from mid-July to the end of September and place a heavy additional work load on the two Rodent Operators. They coped manfully with the task and although some delays were inevitable all requests received attention. To deal with nests in the eaves and other inaccessible positions the provision of a ladder has now been arranged with the Building Works Department.

HOUSING

Statistics for the year:

New houses completed:

(a) Privately	229
(b) Council	122
(c) Housing Associations	5

New Flats completed:

(a) Privately	17
(b) Council	261

Additional units of accommodation provided by conversions	12
Number of accepted applications for re-housing supported by medical certificates	245
Number of such cases re-housed during year	173

I.—*Inspection.*

Number of dwelling houses inspected	740
Number of dwelling houses found to be unfit for human habitation	5
Number of dwelling houses found not to be in all respects reasonably fit for human habitation ..	333

II.—Number of defective houses rendered fit by Informal Action	338

III.—*Action under Statutory Powers.*

A. Under Sects. 9 and 10, Housing Act, 1957—

Number of dwelling houses in respect of which notices were served	—
Number rendered fit—	
(*a*) By owners	—
(*b*) By Local Authority in default	2

B. Under Sects. 15 and 16, Housing Act, 1961—

Number of dwelling houses in respect of which notices were served	4

C. Under Public Health Acts—

Number of dwelling houses in respect of which notices were served for repairs	8
Number complied with—	
(*a*) By owners	9
(*b*) By Local Authority in default	—

D. Proceedings under Sections 16 and 17 of the Housing Act, 1957—

(1) Number of Closing Orders made including undertakings not to re-let given by owners ..	6
(2) Number of dwelling houses in respect of which Demolition Orders were made	—
(3) Number of dwelling houses demolished in pursuance of Demolition Orders	—
E. Proceedings under Section 18 of the Housing Act, 1957	—
Houses on which Closing Orders were in force and subsequently made fit by owners	4
Houses on which Closing Orders were in force and subsequently demolished by the owners ..	1

IV.—*Housing Act 1969*

Qualification Certificates issued	24

V.—*Houses in multiple occupation*

Inspections and re-inspections	258
Informal notices served	5
The improvements obtained are recorded in the following table:	
Hot water supply provided	5
Means of escape in case of fire	4
Heating provided	2
Ventilated food stores provided	2
Cookers provided	1
Walls repaired or decorated	2
Ceilings repaired or decorated	1
Floors repaired	4
Roofs repaired	4
Repairs to water closets	3
Ventilation	1
New windows	1
Miscellaneous repairs or improvements	9

MISCELLANEOUS

Pet Animals Act, 1951

Six sets of premises were registered during the year.

Riding Establishments Act 1964

There is now only one licensed establishment within the Borough and conditions there are satisfactory.

FACTORIES ACTS

Prescribed particulars on the administration of the Factories Act, 1961

PART I OF THE ACT

1.—**INSPECTIONS** for purposes of provisions as to health (including inspections made by Public Health Inspectors).

Premises	Number on Register	Number of		
		Inspections	Written notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4, and 6 are to be enforced by Local Authorities	19	2	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	326	181	6	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	40	8	—	—
Total ..	385	191	6	—

2.—CASES IN WHICH DEFECTS WERE FOUND

Particulars	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred To H.M. Inspector	Referred By H.M. Inspector	
Want of cleanliness (S.1) ..	1	4	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate ventilation (S.4)..	4	3	—	2	—
Ineffective drainage of floors (S.6)..	—	—	—	—	—
Sanitary Conveniences (S.7)					
(*a*) insufficient	1	2	—	—	—
(*b*) unsuitable or defective	3	5	—	—	—
(*c*) not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork) ..	—	—	—	—	—
Total ..	9	14	—	2	—

PART VIII OF THE ACT

OUTWORK

(Sections 133 and 134)

Nature of Work	Section 133			Section 134		
	No. of outworkers in August list required by Sect. 110 (1) (c)	No. of cases of default in sending lists to the Council	No. of prosecutions for failure to supply lists	No. of instances of work in unwholesome places	Notices served	Prosecutions
Wearing apparel { Making, etc. ..	23	—	—	—	—	—
Wearing apparel { Cleaning and washing	—	—	—	—	—	—
Household linen	—	—	—	—	—	—
Lace, lace curtains and nets ..	—	—	—	—	—	—
Curtains and furniture hangings..	7	—	—	—	—	—
Furniture and upholstery.. ..	—	—	—	—	—	—
Electro-plate	—	—	—	—	—	—
File making	—	—	—	—	—	—
Brass and brass articles	—	—	—	—	—	—
Fur pulling	—	—	—	—	—	—
Iron and steel cables and chains..	—	—	—	—	—	—
Iron and steel anchors and grapnels	—	—	—	—	—	—
Cart gear	—	—	—	—	—	—
Locks, latches and keys	—	—	—	—	—	—
Umbrellas, etc.	—	—	—	—	—	—
Artificial flowers	—	—	—	—	—	—
Nets, other than wire nets ..	—	—	—	—	—	—
Tents	—	—	—	—	—	—
Sacks	—	—	—	—	—	—
Racquet and tennis balls ..	—	—	—	—	—	—
Paper bags	—	—	—	—	—	—
The making of boxes or other receptacles or parts thereof made wholly or partially of paper ..	—	—	—	—	—	—
Brush making	—	—	—	—	—	—
Pea picking	—	—	—	—	—	—
Feather sorting	—	—	—	—	—	—
Carding, etc., of buttons	—	—	—	—	—	—
Stuffed toys	—	—	—	—	—	—
Basket making	—	—	—	—	—	—
Chocolates and sweetmeats ..	—	—	—	—	—	—
Cosaques, Christmas crackers, Christmas stockings, etc. ..	—	—	—	—	—	—
Textile weaving	—	—	—	—	—	—
Lampshades	—	—	—	—	—	—
Total ..	30	—	—	—	—	—

Food Hygiene (General) Regulations, 1970

The number of food premises subject to these Regulations, grouped in categories of trade, is as follows:

Premises	No. of premises
Bakers	12
Butchers	42
Cafe's Restaurants and Hotels	66
Confectioners	66
Factory and other Canteens	94
Fishmongers	10
Fried Fish Shops	16
Grocers	90
Greengrocers	25
Supermarkets	31
Licensed Premises	124

During the year a total of 1,214 visits were made to food premises, delivery vehicles and stalls. Whilst it is necessary to ensure that basic structural standards are maintained, work in this field is now being directed more to food handling techniques, temperature control, stock rotation and education of staff.

Notices of contraventions were served in respect of the following matters:

Hot water supply—provide	8
Wash-hand basins or sinks—provision of	1
Walls—repaired, decorated or cleansed	8
Ceilings—repaired, decorated or cleansed	7
Floors—cleanse or repair	2
Water closets—cleanse, repair or provide	2
"Wash hands" notice—provide	1
Refuse—receptacles provided	8
Soap, towels, nailbrushes—provide	11
First aid kits—provide or replenish	16
Miscellaneous items	12

FOOD AND DRUGS SAMPLING

Samples	No. of samples	Adulteration or other irregularity	Nature of deficiency
Milk	58		
Milk Powder	1		
Butter	3		
Margarine	1		
Cheese Spread	1		
Cheese	2		
Jam	1		
Marmalade..	1		
Ground Almonds	3		
Almond Icing	1		
Dried Fruit	2		
Currants	1		
Sultanas	1		
Cut Mixed Peel	1		
Rhubard, canned	1		
Mincemeat	1		
Flour	1		
Bread	3	3	See observations.
Cereal	1	1	See observations.
Oatmeal	1	1	See observations.
Coffee	1		
Lemon Drink	1		
Barley Water	1		
Pale Ale	1		
Salt	1		
Sauce	1		
Pickle	2		
Curried Foods	4		
Yeast Extract	1		
Ice Cream	8		
Ice Cream Powder	1		
Gelatine	1		
Soup, Canned	3		
Cooking Oil	1		
Sausages	2		
Frankfurter Sausages, canned ..	3	2	See observations.
Braised Steak with Gravy, canned	1		
Imported Lamb	1	1	See observations.
Tomatoes	1		
Tomato Puree	1		
Tomato Ketchup	1		
Tomato Juice, canned	1		
Potatoes	2	1	See observations.
Dressed Crab	2	1	See observations.
Tuna, canned	3		
Lobster Paste	1		
Baby Food	2		
Food Colour	1		
Wine Gums	1		
	135	10	

OBSERVATIONS

Samples 1a and 1b:

BREAD—Contained identical material, namely hard paraffin or paraffin wax. Town Clerk to communicate with bakery.

Sample No. 29:

SAUSAGES, CANNED—Meat content low.

Sample No. 43:

FROZEN DRESSED CRAB—Contents of lead high. Follow-up sample satisfactory.

Sample No. 61:

SAUSAGES, CANNED—Meat content low.

Sample No. 87:

CEREAL—Contaminated by moth. Prosecution—Fined £30 plus £3 costs.

Sample No. 104:

POTATOES—Contained more sulphur dioxide than permitted. Follow-up sample satisfactory.

Sample No. 105:

BREAD—Contained dirty dough. Town Clerk to communicate with bakery.

Sample No. 124:

IMPORTED LAMB—Contained rodent excrement. Prosecution—Fined £20 plus £2 costs.

Sample No. 134:

OATMEAL—Contaminated by insects. Town Clerk to communicate with retailer.

ACTION TAKEN IN CONNECTION WITH FOOD COMPLAINTS NOT LISTED IN FOOD AND DRUGS SAMPLING TABLE

Nature of contravention	Action taken
Stone in nuts and raisins	Letter of caution sent by Town Clerk to manufacturer.
Glass in jar of jam ..	Letter of caution sent by Town Clerk to retailer.
Unfit packet of frozen chipped potatoes ..	Letter of caution sent by Town Clerk to retailer.
Metal in beef and mushroom pie ..	Letter of caution sent by Town Clerk to manufacturer.
Mouldy steak and kidney pie	Prosecution—Fined £20 plus £5 costs.
Fibres in loaf of bread	Letter of caution sent by Town Clerk to retailer.
Foreign object in yogurt	Prosecution—Fined £10 plus £2 costs.
Mouldy Scotch pancakes	Letter of caution sent by Town Clerk to manufacturer.
Mouldy bread ..	Letter of caution sent by Town Clerk to manufacturer.
Mouldy sliced brown bread	Letter of caution sent by Town Clerk to manufacturer.
Mouldy baps	Letter of caution sent by Town Clerk to manufacturer.
Mouldy bread ..	Letter of caution sent by Town Clerk to manufacturer.
Paper ticket in bread roll	Letter of caution sent by Town Clerk to manufacturer.
Unsatisfactory loaf of bread	Letter of caution sent by Town Clerk to manufacturer.
Unsound brawn ..	Letter of caution sent by Town Clerk to manufacturer.
Maggot in block of ice cream	Letter of caution sent by Town Clerk to manufacturer.
Mouldy pork sausages	Prosecution—Fined £10 plus £3·50 costs.
Earwig embedded in marmalade ..	Letter of caution sent by Town Clerk to manufacturer.
Mould on pork and egg pie	Prosecution—Fined £10 plus £3 costs.
Maggot in cake ..	Letter of caution sent by Town Clerk to manufacturer.
Maggot and debris in chocolate peanuts ..	Prosecution—Fined £10 plus £3 costs.
Foreign objects in chicken chop suey ..	No action.

BACTERIOLOGICAL SAMPLING OF COOKED MEATS

Eighty-seven samples of sliced cooked meats from thirty-five retail establishments were taken during the year and submitted to the Public Health Laboratory Service for examination. In no case was any evidence found of organisms likely to produce food poisoning.

ICE CREAM SAMPLING

Visits to premises where ice cream is manufactured or sold		220
Samples taken		52
Results of samples—	Grade I	47
	Grade II	2
	Grade III	2
	Grade IV	1

SLAUGHTERHOUSES AND MEAT INSPECTION

Number of slaughterhouses 3

Slaughterhouse inspections 669

Carcases and Offal Inspected and Condemned in whole or in part:

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed (if known)	5,738	771	182	5,021	7,043	—
Number inspected..	5,738	771	182	5,021	7,043	—
All diseases except Tuberculosis and Cysticerci :						
Whole carcases condemned ..	—	—	2	2	1	—
Carcases of which some part or organ was condemned..	1,474	112	1	336	770	—
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	25·68	14·50	1·64	6·73	10·94	—
Tuberculosis only:						
Whole carcases condemned ..	—	—	—	—	—	—
Carcases of which some part or organ was condemned..	—	—	—	—	186	—
Percentage of the number inspected affected with tuberculosis ..	—	—	—	—	2·64	—
Cysticercosis:						
Carcases of which some part or organ was condemned..	—	—	—	—	—	—
Carcases submitted to treatment by refrigeration ..	—	—	—	—	—	—
Generalised and totally condemned	—	—	—	—	—	—

Slaughterhouses and Meat Inspection—*continued*

Parts of Carcases or Organs condemned:

	Beasts including Cows	Calves	Sheep and Goats	Pigs	Total
	lb.	lb.	lb.	lb.	lb.
Parts of Carcases ..	357	—	91	2,546	2,994
Organs	21,827	8	622	3,262	25,719

In addition to the above, 524 lb. of Imported Beef, 129 lb. Imported Beef Offal, 25 lb. Imported Pork Offal and 158 lb. Imported Sheep Offal were condemned.

The total weight of meat condemned as unfit for human consumption was:

13 tons 6 cwt. 2 qrs. 11 lb.

Unsound meat was collected by an approved firm or buried on the Council's refuse tip.

UNSOUND FOOD

Details of food unfit for human consumption and voluntarily surrendered to the Public Health Inspectors is as follows:

Type of Food	*Weight in lb.*
Potatoes	224
Beans	192
Bacon	323
Cheese	9
Sausages	72
Flour	1,530
Dried Fruit	33
Cream Topping Mix	7
Chickens..	87
Fish	306
	2,783

The total weight of meat and other foods listed above unfit for human food and condemned was:

14 tons 11 cwt. 1 qr. 22 lb.

In addition the following foods were condemned:

Tinned Milk	501 Tins
Other Tinned Goods	2,981 Tins
Packeted Foods	11,270 Pkts.
Bottled Goods	234 Bots.
Pies	295
Cauliflowers	120
Chickens	87
Salad Cream	5 gals.
Shrimps	10 gals.
Escallops..	60

OFFICES, SHOPS AND RAILWAY PREMISES ACT 1963

The following is a table showing the contraventions noted and the number of registered premises in which they were found.

Contraventions	*Premises*
Absence of wash-hand basins	1
Defective wash-hand basins	2
Absence of hot water over existing wash-hand basins	19
Absence of drinking water	1
Absence of a wholesome supply of drinking water	1
Absence of soap	2
Absence of towels	2
Washing accommodation not labelled	4
Washing facilities not satisfactorily lighted	4
Washing accommodation needing cleansing	1
Absence of water closets	1
Water closets insufficient in number	1
Water closets defective or needing cleansing	16
Water closets not satisfactorily ventilated	1
Water closets not satisfactorily lighted	8
Water closets not labelled	6
Means of disposal of sanitary dressings not provided	5
Absence of or incomplete first-aid kits	86
Absence of thermometers	45
Absence of abstract of Act	69
Ventilation unsatisfactory	18
Absence of intervening ventilated space	17
Lighting unsatisfactory	20
Heating unsatisfactory	10
Overcrowding	4
Absence of clothing accommodation	14
Absence of suitable facilities for taking meals	1
Guards to food slicers unsatisfactory	5
Absence of guards to machinery (other than food slicers)	9
Absence of seating facilities	1
Absence of footrests	1
Ceilings needing to be repaired or cleansed	8
Walls needing to be repaired or cleansed	8
Floors defective	4
Floor coverings defective	3
Floors needing cleansing	1
Openings in floors unprotected	6
Obstructions on floors, passages and stairs	9
Steps and staircases defective	3
Absence of guards to staircases	9
Absence of handrails	14
Defective lifts	6
Absence of reports on lifts	7
Miscellaneous minor defects	6

ACCIDENTS

Twenty-seven accidents were notified to the Department during the year.

OFFICES, SHOPS AND RAILWAY PREMISES ACT 1963

The following Tables contain the prescribed particulars for 1971 which were forwarded to the Minister of Labour under Section 60 of the Act.

Table A—REGISTRATIONS AND GENERAL INSPECTIONS

Class of premises	No. of premises newly registered during the year	Total No. of registered premises at end of year	No. of registered premises receiving one or more general inspections during the yr.
Offices	27	292	66
Retail shops	40	420	115
Wholesale shops, warehouses ..	—	24	1
Catering establishments open to the public, canteens	12	60	18
Fuel storage depots	—	1	—
Totals	79	797	200

Table B
NUMBER OF VISITS OF ALL KINDS BY INSPECTORS TO REGISTERED PREMISES

Number of visits 1,238

Table C
ANALYSIS OF PERSONS EMPLOYED IN REGISTERED PREMISES BY WORKPLACE

Class of Work Place	Number of persons employed
Offices	3,517
Retail shops	3,354
Wholesale departments, warehouses	375
Catering establishments open to the public	620
Canteens	7
Fuel storage depots	24
Total	7,897
Total Males ..	3,435
Total Females ..	4,462

Table D—EXEMPTIONS

Number of Exemptions granted or reported during the year Nil

Table E—PROSECUTIONS

Number of Prosecutions during the year 1

DELEGATED HEALTH AND WELFARE SERVICES

BOROUGH OF COLCHESTER, 1971

STAFF

1. Medical Officer of Health:
   Dr. M. F. H. Bush (Part-Time)

2. Medical Officers:
   Dr. R. E. Barrett (Part-Time)
   Dr. M. J. Barnes (Whole-Time)

3. Area Dental Officer
   Mr. E. T. Clark (Whole-Time)

4. Dental Officers
   Mr. S. G. Watson (Part-Time)
   Mr. F. H. Beauchamp (Whole-Time)
   Miss S. M. York (Whole-Time)

5. Senior Administrative Officer:
   Mr. H. T. Percival (Part-Time)

6. Superintendent Health Visitor:
   Miss H. M. Hall (Part-Time)

7. Non-Medical Supervisor of Midwives and Superintendent of Home Nurses:
   Miss I. E. Nice (Part-Time)

8. Assistant Superintendent of Home Nurses:
   Mr. S. Collins (Part-Time)

9. Chiropodists:
   Mr. R. M. Hallawell (Whole-Time)
   Mr. J. A. Willens (Whole-Time)
   Mrs. E. Mander (Part-Time)
   Mrs. R. A. Blackett (Part-Time)

10. Health Visiting and Clinic Nursing Establishments:
    12 Health Visitors
    3 Clinic Nurses (Whole-Time)
    1 Clinic Nurse (Part-Time)

11. Midwifery and Home Nursing Establishments:
    20 Midwives, Home Nurses and Auxiliaries

BOROUGH OF COLCHESTER

DELEGATED HEALTH SERVICES — 1971

STATISTICS RELATING TO VARIOUS HEALTH SERVICES UNDER THE CONTROL OF THE HEALTH COMMITTEE

Births and Baby Deaths:	
Number of live births notified..	1,514
Number of still births notified	14
Number of baby deaths notified (under 1 year) ..	24
Home Nursing and Midwifery:	
Number of midwifery and maternity cases attended	635
Visits to these cases	8,414
Visits to other nursing cases	39,017
Child Welfare Clinics:	
Number of sessions held	573
Number of attendances made by children	19,337
Diphtheria Immunisation only:	
Number of children who completed course of immunisation	—
Number of children given a boosting dose	10
Diphtheria/Pertussis/Tetanus (Triple Immunisation):	
Number of children who completed primary course	1,074
Number of children who received a reinforcing dose	365
Diphtheria/Tetanus Immunisation:	
Number of children who completed primary course	69
Number of children who received a reinforcing dose	890
Tetanus Immunisation only:	
Number of children who completed primary course	87
Number of children who received a reinforcing dose	378
Vaccination against Smallpox:	
Number of persons successfully vaccinated ..	655
Number of persons re-vaccinated	101
Measles Vaccination:	
Number of children vaccinated	1,034
Vaccination against Poliomyelitis:	
Number of persons receiving primary course ..	1,140
Number of persons receiving reinforcing dose ..	1,753
Vaccination against Rubella:	
Number vaccinated	1,126

Home Visits (Health Visitors)

Total visits	18,950

Antenatal and Postnatal Clinics (Midwives):

Number of sessions	72
Cases first attending	121
Attendances by patients	639

Cervical Cytology:

Number of women tested	627

Free Milk for T.B. Patients:

New Cases	12
Total cases receiving milk at end of year	33

Chiropody Service:

Treatments given at home	3,466
Treatments given at clinics	4,479

General

The number of notified cases of infectious disease was generally low. Two cases of pulmonary tuberculosis were among these, one case was in a primary school, so it was decided to search for further cases by means of tuberculin testing throughout the staff and pupils of the school. No further cases were discovered. The other notified case occurred in a secondary school and no special measures were thought necessary as the patient's classmates had all received recent B.C.G. vaccination.

The normal programme of periodic medical inspections was carried out during the year but head inspections for louse infestation were intensified. The number of children infested was slightly greater than last year, but re-infestation occurred less frequently as a result of a change in treatment.

Sanitary Inspection of Borough schools was undertaken by the Public Health Inspectors. Eight schools were inspected and the defects notified to the Borough Education Department.

Special Educational Treatment

It is a continuing problem to cope with the number of children ascertained as Educationally Sub-normal. Kingswode Hoe School caters for both the Borough and the surrounding country districts. By means of close collaboration between School Medical Officers and Educational Psychologists, and the Headmaster of the School, priorities for admission are determined, but there can be no doubt many children have to accept delays of many months and sometimes years before they can be offered suitable special education.

Since the last Annual Report the Partially Hearing Unit has opened at Lexden Primary School and is meeting an important need for the area.

Responsibility for the severely mentally handicapped was transferred to the Education Authority, with the passing of the Education (Handicapped Children) Act 1970 which became effective in April 1971. This has resulted in the School Health Service having to assume responsibility for the Ramparts School (ex Lexden Junior Training Centre) and also for the Golden Grove School which is at Turner Village and caters for in-patients of the Royal Eastern Counties Hospital.

Education (Milk) Act 1971

This Act requires the School Medical Officer to certify children at nutritional risk so that the issue of free milk may be made. We have been fortunate in the Borough not to have had our routine work seriously disrupted by pressure to examine the entire Junior School population. We have relied entirely on cases being brought

forward by health visitors, school doctors, general practitioners and schoolteachers. Only seven cases have been referred for this purpose and a certificate issued in each case. Physical examination can only really reveal severe malnutrition which fortunately is a rarity. There is, however, no valid medical means of identifying those who may be suffering from moderate or slight undernourishment.

The fact that the abolition of free school milk in the 7 to 11 age group has not been matched by arrangements for the sale of milk throughout the Borough is a matter for regret. A variety of foodstuffs is available in school tuckshops, etc. some of which may be of dubious nutritional value. Milk, however, is a well-balanced foodstuff and is not yet universally for sale.

SCHOOL DENTAL SERVICE, 1971

Inspections:

Number of pupils inspected	10,153
Number of pupils found to require treatment	5,994

Treatment:

Number of individual pupils treated	3,823
Number of attendances	9,767
FILLINGS:	
Permanent teeth	5,442
Temporary teeth	3,940
EXTRACTIONS:	
Permanent teeth	650
Temporary teeth	1,675
Number of Anaesthetics	800

Orthodontics:

Number of cases treated during the year	188
Number of cases completed during the year	67
Number of appliances fitted	123

Prosthetics:

Number of dentures fitted	7

CHILDREN ON THE HANDICAPPED PUPILS' REGISTER:

Number receiving or awaiting special education:

Blind	Nil
Partially Sighted	2
Deaf	2
Physically Handicapped	6
Partially Hearing	8
Delicate	11
Maladjusted	27
E.S.N.	108
S.S.N.	44
Epileptic	Nil
Speech Defects	2

DELEGATED SCHOOL HEALTH SERVICES, 1971

Number of Maintained Schools

(a) Primary	32
(b) Secondary	10
(c) Special	3

Number of Pupils on Register

(a) Primary	8,242
(b) Secondary	7,000
(c) Special	366

Periodic Medical Inspections

General Condition of Pupils:

(a) Satisfactory	2,788
(b) Unsatisfactory	7
Special Examinations	554
Re-examinations	534

Number of Individual Pupils found by Periodic Examination to require treatment (or receiving treatment at time of examination)

(a) For defective vision (excluding squint)	195
(b) For skin diseases	51
(c) Other conditions	300

Defects found by Periodic Medical Examination

Squint	47
Other Eye Defects	4
Hearing	53
Otitis Media	2
Other Ear Defects	2
Nose and Throat	34
Speech	40
Lymphatic Glands	1
Heart and Circulation	6
Lungs	24
Hernia	4
Other Development Defects	10
Posture	1
Feet	21
Other Orthopaedic Defects	12
Epilepsy	5
Other Nervous System	1
Psychological Development	13
Psychological Stability	3
Other Defects	47

TREATMENT OF PUPILS

School Clinics:

(a) Number of new cases treated	293
(b) Total attendances:	
(i) *Seen by Medical Officers	653
(ii) Otherwise	1,380

**Including 367 children seen for routine P.M.I. already shown in P.M.I. figures on page 35.*

Miscellaneous Examinations

Employment of School Children:

Number of children certified fit for employment	245

Free School Milk—from September 1971

(a) Number examined	7
(b) Number granted milk	7

Cleanliness Surveys

(a) Total number of examinations	14,820
(b) Number of cases of infestation	186

Home visits by School Nurses

Number of visits	364

PREVENTIVE MEDICINE

B.C.G. Vaccinations

(a)	Number of children offered vaccination ..	1,703
(b)	Number of children accepting vaccination ..	1,283
(c)	Number of children with Positive reaction ..	29
(d)	Number of children with Negative reaction ..	1,254
(e)	Number of children receiving B.C.G.	1,174

Rubella Vaccinations

Number of children vaccinated.. 1,126

SPEECH THERAPY

Pupils under treatment at end of year

Infant Schools	Junior Schools	Secondary Schools	Special Schools	Under 5 years	Total
23	5	3	23	15	69

AUDIOLOGY

Number of Clinics held during 1971	41
Total number of attendances	368

New Referrals during the year:

	Under 5 years	5–6 years	7–11 years	12 and over	Total
Colchester ..	26	25	20	3	74
North-East ..	28	21	17	4	70
Total	54	46	37	7	144

MICHAEL F. H. BUSH, M.B., B.S., D.P.H., D.C.H.,

Medical Officer of Health of

the Borough of Colchester.

PUBLIC HEALTH DEPARTMENT,
EAST LODGE COURT,
HIGH STREET.